



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216029
Lot Number: SAMPLE
Product Name: (+)-Tubocurarine chloride pentahydrate
CAS Number: 6989-98-6
Molecular Formula: $C_{37}H_{42}Cl_2N_2O_6 \cdot 5H_2O$
Molecular Weight: 771.72

Test	Specification	Result
Appearance (Color)	White to faintly beige	Almost white
Appearance (Form)	Powder to powder with lumps	Powder with lumps
Purity (TLC)	$\geq 97.0\%$	100.0%
Concentration	C= 0.5 in water	Complies
Infrared Spectrum	Consistent with structure	Complies
Specific Rotation ($\alpha_{20/D}$)	195.0 ± 5.0 degrees	191.9 degrees
Water Content	11% -13%	11.92%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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